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(71) Applicant: MATSUSHITA ELECTRIC INDUSTRIAL
CO., LTD.
Kadoma-shi, Osaka-fu 571 (JP)

(72) Inventors:
• Tsujihara, Susumu
Neyagawa-shi, Osaka-fu, 572 (JP)
• Inoue, Ikunori
Takatsuki-shi, Osaka-fu, 569 (JP)

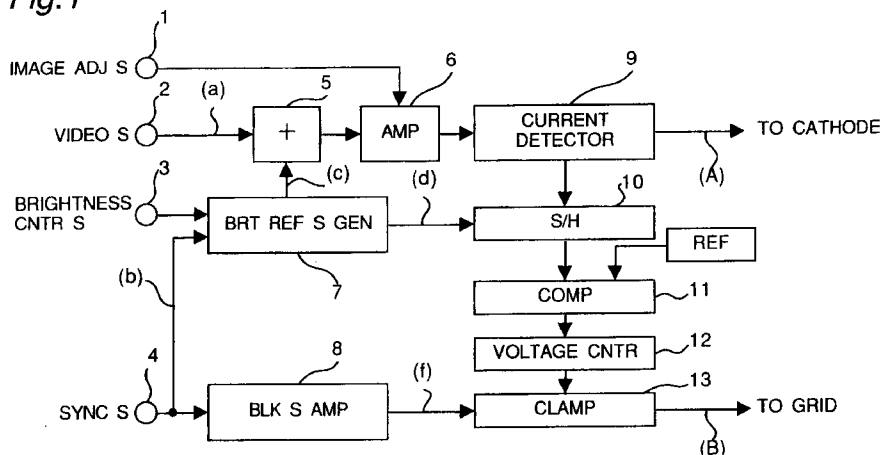
(74) Representative: Eisenführ, Speiser & Partner
Martiniestr. 24
28195 Bremen (DE)

(54) Video signal processor

(57) A video signal processor for controlling a displayed image on a CRT having a cathode electrode and a grid electrode includes a generator (7) for generating a brightness reference signal, an adder (5) for adding the brightness reference signal to a black level in a blanking period of an input video signal. The added brightness reference signal is applied to the cathode electrode through a current detector (9) for detecting a

current of the added brightness reference signal. A current level signal produced from the current detector (9) is used for determining and clamping the peak of a control voltage applied to the grid electrode such that a voltage difference between a peak of the added brightness reference signal and the peak of the control voltage is maintained constant (VCF).

Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 93 11 0674

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
A	US-A-4 786 970 (MOORE LESLIE G) 22 November 1988 * column 2, line 21 - column 4, line 10 * ---	1-7	H04N5/59
A	EP-A-0 459 366 (MATSUSHITA ELECTRIC IND CO LTD) 4 December 1991 * column 4, line 11 - column 7, line 51 * -----	1-7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			H04N
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		11 September 1996	Materne, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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